

Kerr-McGee No. 19NAV.
NW/NE Sec. 31, T36N, R30E
Apache Co.



691

COUNTY Apachee AREA Redrock, Az. LEASE NO. 14-20-0603-8823 Nav.
WELL NAME Mtn. States Petroleum (5-1-94)
Kerr-McGee Corporation Navajo
LOCATION NW/NE/4 SEC 31 36NWP 36N RANGE 30E FOOTAGE 1980' FEL & 1020' FNL
ELEV 8533GR KB SPUD DATE 9-1-78 STATUS Comp TOTAL 4075
CONTRACTOR Signal Oilfield Service, Inc. Cactus Drilling Co. COMP. DATE 10-17-78 DEPTH 4075
PBTD 3990

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY
<u>9 5/8</u>	<u>744</u>	<u>500 SKS</u>		<input checked="" type="checkbox"/>
<u>7"</u>	<u>4075</u>	<u>250 SKS</u>		DRILLED BY CABLE TOOL
				PRODUCTIVE RESERVOIR
				INITIAL PRODUCTION <u>251 BOPD No Water</u>
				<u>SINCE</u>

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
CHINLE	0	1548		RED SHALE W/THIN STRINGERS OF SAND
COCONINO SD	1548	2293		MASSIVE SANDSTONE W/SHALEY STRINGERS
HERMOSA	3390	3855		GRAY, DENSE LIMESTONE W/SOME GRAY SHALE & LIMESTONE STRINGERS
BLACK SHALE	3855	3865		BLACK SHALE
SHIST INTRUSIVE	3865	3978		SEYENITE

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG
<u>CBL - VDL W/</u>	<u>3869-3902</u>	<u>SAME AS</u>	SAMPLE DESCRP.
<u>GR - CCL</u>	<u>3904-3938</u>	<u>Perf. intervals</u>	SAMPLE NO. <u>1802</u>
	<u>3941-3974</u>		CORE ANALYSIS
			DSTs <u>NONE</u>

REMARKS Well acidized & Fraced - See Comp. Report

APP. TO PLUG
PLUGGING REP.
COMP. REPORT <input checked="" type="checkbox"/>

WATER WELL ACCEPTED BY

BOND CO. Firemen's Insurance Company filed in P/W 72 BOND NO. BND 188 98 10-528
BIA BOND DATE
BOND AMT. \$ 25,000 CANCELLED 12/1/57 ORGANIZATION REPORT X
FILING RECEIPT 1084 LOC. PLAT X WELL BOOK X PLAT BOOK X
API NO. 02-001-20240 DATE ISSUED 4-28-78 DEDICATION N/2 of NW/4

PERMIT NUMBER 691

(over)

NO.	FROM	TO	RESULTS
			No Test

CORE RECORD				
NO.	FROM	TO	RECOVERY	REMARKS
				No Core

NO.	FROM	TO	RECOVERY	REMARKS
				No Core

DATE STARTED - COMPLETED		WORK PERFORMED	NEW PERFORATIONS

[illegible]

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

New Well ☒ Work-Over ☐ Deepen ☐ Plug Back ☐ Same Reservoir ☐ Different Reservoir ☐ Oil ☒ Gas ☐ Dry ☐

DESCRIPTION OF WELL AND LEASE

Operator **KERR-McGEE CORPORATION** Address **BOX 250; AMARILLO, TEXAS 79189**

Federal, State or Indian Lease Number or name of lessor if fee lease **14-20-0603-8823** Well Number **19** Field & Reservoir **DINEH-BI-KEYAH**

Location **1980' FEL & 1020' FNL** County **APACHE**

Sec. TWP-Range or Block & Survey **SEC. 31 - T36N - R30E - G & SRM**

Date spudded **9-1-78** Date total depth reached **9-21-78** Date completed, ready to produce **10-1-78** Elevation (DE, RKB, RT or Gr.) **8533 GR** feet Elevation of casing hd. flange **8533** feet

Total depth **4075** P.B.T.D. **3990** Single, dual or triple completion? **SINGLE** If this is a dual or triple completion, furnish separate report for each completion.

Producing interval (s) for this completion **INTRUSIVE (3865' - 3978')** Rotary tools used (interval) **0-4075** Cable tools used (interval) **---**

Was this well directionally drilled? **NO** Was directional survey made? **NO** Was copy of directional survey filed? **N/A** Date filed **N/A**

Type of electrical or other logs run (check logs filed with the commission) **CFDL & CBL - BOTH FILED W/THIS REPORT** Date filed **10-19-78**

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)						
Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
SURFACE	12 1/2	9 5/8	32.3	744' RKB	550 - CIRC OUT 75 SKS	NONE
PRODUCTION	8 3/4	7"	20.0	4075 RKB	300	NONE

TUBING RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
2 7/8 in.	3874 ft.	N/A ft.	N/A in.	ft.	ft.	ft.	ft.

PERFORATION RECORD

Number per ft.	Size & type	Depth interval	Am't. & kind of material used	Depth interval
1/3'		3869-3902, 3941-3974	1790 GALS 3%HF & 7 1/2% HCL	ALL OF
1/2'		3904 - 3938'	56,300 GAL CRUDE 121,800#SAND	INTERVALS

INITIAL PRODUCTION

Date of first production **10-9-78** Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:) **PUMPING - 2 1/2" x 2" x 20' BHP**

Date of test **10-19-78** Hrs. tested **31** Choke size **251** Oil prod. during test **251** bbls. Gas prod. during test **31** MCF Water prod. during test **0** bbls. Oil gravity **° API (Corr)**

Tubing pressure **251** Casing pressure **251** Cal'd rate of Production per 24 hrs. **251** Oil **251** bbls. Gas **31** MCF Water **0** bbls. Gas-oil ratio

Disposition of gas (state whether vented, used for fuel or sold): **VENTED**

DISTRICT PRODUCTION SUPERINTENDENT

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the **KERR-McGEE CORPORATION** (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date **10-19-78**

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NOV 22 1978

O & G CONS. COMM.

Signature **Hugh H. Rice** **Hugh H. Rice**

Permit No. **691**

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Well Completion or Recompletion Report and Well Log
Form No. 4
File **691** Copy **2**

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
CHINLE	0	1548	RED SHALE W/THIN STRINGERS OF SAND
COCONINO SD	1548	2293	MASSIVE SANDSTONE W/SHALEY STRINGERS
HERMOSA	3390	3855	GRAY, DENSE LIMESTONE W/SOME GRAY SHALE & LIMESTONE STRINGERS
BLACK SHALE	3855	3865	BLACK SHALE
SHIST INTRUSIVE	3865	3978	SEYENITE

* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

Form No. 4

**OPERATOR'S CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL OR GAS FROM LEASE**

Federal, State or Indian Lease Number, or lessor's name if fee lease 14-20-0603-8823	Field Dineh-BI-Keyah	Reservoir Hermosa
Survey or Sec-Twp-Rge Sec 29, 30, 31, 32 T-36N-R30E	County Apache	State AZ
Operator Mountain States Petroleum Corp.		
ADDRESS ALL CORRESPONDENCE CONCERNING THIS FORM TO:		
Street P O Bx 1936	City Roswell,	State New Mexico 88202
Above named operator authorizes (name of transporter) Giant Industries		
Transporter's street address P O Bx 12999	City Scottsdale,	State AZ
Field address P O Bx 256 (Bloomfield Hwy) Farmington, N M 87499		
Oil, condensate, gas well gas, casinghead gas		
To transport	100% of the	oil from said lease.
OTHER GATHERERS TRANSPORTING FROM THIS LEASE ARE AS FOLLOWS:		
Name of gatherer	% transported	Product transported
Indicate whether or not this certificate is for a new lease. If not a new lease, indicate whether or not it is a change of operator, change of lease name, change of gatherer, or a consolidation or subdivision of leases and give effective date of change. Change of Oper.		

The undersigned certifies that the rules and regulations of the State of Arizona Oil & Gas Conservation Commission have been complied with in drilling and producing operations on this lease, except as noted above, and that the above transporter is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property, and that this authorization will be valid until further notice or until cancelled by the State of Arizona Oil & Gas Conservation Commission.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Secretary of the Mountain States Petro. Corp. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date Aug. 11, 1995 *Ruby Wickersham*
Signature

Date approved: AUG 16 1995
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: Steven L. Rainey
Permit No. 691

**STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION**
Operator's Certificate of Compliance & Authorization to
Transport Oil or Gas from Lease
File Two Copies
Form No. 1

OPERATOR'S CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL OR GAS FROM LEASE

Federal, State or Indian Lease Number, or lessor's name if fee lease	Field	Volume
14-20-0603-8823 Navajo	Dineh-Bi-Keyah	Hermosa
Survey or Sec-Twp-Rge	County	State
Several - T 36 N, R 30 E	Apache	Arizona
Operator Kerr-McGee Corporation		
ADDRESS ALL CORRESPONDENCE CONCERNING THIS FORM TO:		
Street	City	State
P. O. Box 250	Amarillo	Texas, 79189
Above named operator authorizes (name of transporter)		
Gary-Williams Energy		
Transporter's street address	City	State
370 17th St., Suite 5300	Denver	Colorado, 80202
Field address		
P. O. Box 159, Bloomfield, NM 87413		
Oil, condensate, gas well gas, casinghead gas		
To transport	100 % of the Oil	from said lease.
OTHER GATHERERS TRANSPORTING FROM THIS LEASE ARE AS FOLLOWS:		
Name of gatherer	% transported	Product transported
Indicate whether or not this certificate is for a new lease. If not a new lease, indicate whether or not it is a change of operator, change of lease name, change of gatherer, or a consolidation or subdivision of leases and give effective date of change.		

The undersigned certifies that the rules and regulations of the State of Arizona Oil & Gas Conservation Commission have been complied with in drilling and producing operations on this lease, except as noted above, and that the above transporter is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property, and that this authorization will be valid until further notice or until cancelled by the State of Arizona Oil & Gas Conservation Commission.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Area Manager of the Kerr-McGee Corporation (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

8/18/92
Date

H.H. Rice
Signature

H.H. Rice

Date approved: 8-21-92

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

By: Steven L. Raif

Permit No. _____

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Operator's Certificate of Compliance & Authorization to
Transport Oil or Gas from Lease
File Two Copies

Form No. 8

GAS-OIL RATIO TEST REPORTS

Filed under Oil-Gas Ratio Tests, Dineh-bi-Keyah Field
in cabinet in office of Enforcement Director

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator KERR-MCGEE CORPORATION

2. OIL WELL ☒ GAS WELL ☐ OTHER ☐ (Specify) _____

3. Well Name NAVAJO # 19

Location 1980' FEL & 1020' FNL G & S R M

Sec. 31 Twp. 36N Rge. 30E County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease. 14-20-0603-8823

5. Field or Pool Name Dineh-Bi-Keyah

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>		ABANDONMENT <input type="checkbox"/>
(OTHER) _____		(OTHER) <u>Weekly Progress</u>	<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Pumping well and testing - waiting for production to level.

Received all of frac load back.

RECEIVED

OCT 19 1978

D & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Larry R. Bell Larry R. Bell Title Engineering Asst. Date October 13, 1978

Permit No. 691

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
File Two Copies
Form No. 28

SUNDY NOTICES AND REPORTS ON WELLS

1. Name of Operator KERR-McGEE CORPORATION
 2. Oil WELL ☒ GAS WELL ☐ OTHER ☐ (Specify) _____
 3. Well Name NAVAJO # 19
 Location 1980' FEL & 1020' FNL G & S R M Survey
 Sec. 31 Twp. 36N Rgn. 30E County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease 14 - 20 - 0603 - 8823

5. Field or Pool Name Dineh - Bi - Keyah

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input checked="" type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Weekly Progress</u>	ABANDONMENT <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Pulled BHP survey bomb. Pulled tbg. & pkr.
 Fraced down casing as follows:

Pumped 11,200 gals gelled lease crude for pad @ 55 BPM - 600 PSI
 Pumped 16,800 gals gelled lease crude w/1 PPG 10-20 sand @ 55 BPM - 800 PSI
 Pumped 21,000 gals gelled lease crude w/2 PPG 10-20 sand @ 55 BPM - 700 PSI
 Pumped 21,000 gals gelled lease crude w/3 PPG 10-20 sand @ 55 BPM - 700 PSI
 Flushed w/7300 gals lease crude @ 55 BPM - 900 PSI

I.S.D.P. - 200 PSI - on vacuum in 10 min.
 Installed pumping equipment. Cleaned out 15' of fill to 3990' TD.
 Ran seating nipple, 123 Jts. 2 7/8" tbg. and 2 - 8' subs. S.N. @ 3874'.
 Swabbed well. Ran 2 1/2 x 2 x 20' pump and rods.
 Began pumping back frac load.
 1213 barrels to be recovered as of 10-5-78.

8. I hereby certify that the foregoing is true and correct.

Signed Larry R. Bell Larry R. Bell Title Engineering Asst. Date 10-6-78

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Permit No. 691

OCT 12 1978

O & G CONS. COMM.

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies
 Form No. 25

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator KERR-McGEE CORPORATION
 2. Oil Well ☒ GAS WELL ☐ OTHER ☐ (Specify) _____
 3. Well Name Navajo #19
 Location 1980' FEL & 1020' FNL G & SRM Survey
 Sec. 31 Twp. 36N Rge. 30E County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease 14 - 20 - 0603 - 8823

5. Field or Pool Name Dineh - Bi - Keyah

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Weekly Progress</u>	ABANDONMENT <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Reached T.D. - 9-21-78 - Depth: 4075'
 Ran 98 Jts. 7", 20#, K-55, ST&C Csg. set at 4075'.
 Cemented with 250 sks Class "B" with 1/4# Flocele/sk.
 Rigged down rotary. Rigged up completion rig.
 Picked up 6 1/8" bit and 7" scraper, 127 Jts. 2 7/8" tbg. - tagged bottom at 3990 RKB.
 Ran CBL - VDL with GR - CCL logs.
 Perforated interval as follows:

3869' - 3902'	1 Shot/3'
3904' - 3938'	1 Shot/2'
3941' - 3974'	1 Shot/3'

Acidized well with 1790 gals. 3% HF and 7 1/2% HCL
 A.I.R.: 12 BPM; A.I.P.: 1700 PSI

Swabbed well - 6 runs. Ran B.H. pressure bomb - as of 9-29-78 - waiting on pressure bomb.

8. I hereby certify that the foregoing is true and correct.

Signed Carl Sweatfield Carl Sweatfield Title Dist. Drilling Supt. Date 10-2-78

Permit No. 691

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O & G CONS. COMM.

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies

Form No. 25

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator KERR-McGEE CORPORATION

2. Oil Well ☒ GAS Well ☐ OTHER ☐ (Specify) _____

3. Well Name NAVAJO # 19

Location 1980' FEL 1020' FNL G & SRM Survey

Sec. 31 Twp. 36N Rge. 30E County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease 14-20-0603-8823

5. Field or Pool Name Dineh-Bi-Keyah

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
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REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Weekly Progress</u>	ABANDONMENT <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Drilling ahead @ 3825'

As of 9-19-78

8. I hereby certify that the foregoing is true and correct.

Signature Larry R. Bell Title Engineering Asst. Date 9-21-78

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SEP 25 1978

Permit No. 691

D & G CONS. COMM.

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
File Two Copies
Form No. 25

SUNDY NOTICES AND REPORTS ON WELLS

1. Name of Operator KERR-McGEE CORPORATION

2. Oil Well ☒ GAS Well ☐ OTHER ☐ (Specify) _____

3. Well Name Navajo # 19

Location 1980' FEL and 1020' FNL

Sec. 31 Twp. 36N Rge. 30E County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease 14-20-0603-8823

5. Field or Pool Name Dineh Bi Keyah

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:		
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	MONTHLY PROGRESS	<input type="checkbox"/>
(OTHER)	<input type="checkbox"/>		(OTHER)	REPAIRING WELL	<input type="checkbox"/>
				ALTERING CASING	<input type="checkbox"/>
				ABANDONMENT	<input type="checkbox"/>
				Weekly Report	<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Drilling ahead at 2765'

9-14-78

8. I hereby certify that the foregoing is true and correct.

Signed Larry R. Bell Title Engineering Asst. Date 9-14-78

Permit No. 691

RECEIVED
SEP 20 1978
O & G CONS. COMM.
O & G CONS. COMM.

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
File Two Copies
Form No. 25

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Kerr-McGee Corporation

2. OIL WELL ☒ GAS WELL ☐ OTHER ☐ (Specify) _____

3. Well Name Navajo 19

Location 1980' FEL and 1020' FNL

Sec. 31 Twp. 36N Rge. 30E County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease: 14-20-0603-8823

5. Field or Pool Name Dineh-Bi-Keyah

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:		
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	MONTHLY PROGRESS	<input type="checkbox"/>
(OTHER) _____	<input type="checkbox"/>			REPAIRING WELL	<input type="checkbox"/>
				ALTERING CASING	<input type="checkbox"/>
				ABANDONMENT	<input type="checkbox"/>
				(OTHER) <u>Spud date</u>	<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Spudded well at 2:00 p.m. 9-1-78
 Drilled 12 1/4" hole to 745' RKB
 Ran 19 jts 9 5/8" 32.3# H-40 casing set at 744' RKB
 Cemented with 500 sacks class "B" cement with 2% Cacl, 4% Gel, and 1/4# flocele/sk. Tailed with 50 sacks of same, circulated out 75 sacks.
 Drilling 8 3/4" hole at 860'.

RECEIVED
 SEP 11 1978
 O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Larry R. Bell *Larry R. Bell* Title Engineering Asst. Date 9-7-78

Permit No. 691

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies
 Form No. 25

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL ☒

RE-ENTER OLD WELL ☐

Kerr-McGee Corporation
NAME OF COMPANY OR OPERATOR

P. O. Box 250

Amarillo
City

Texas 79189
State

Address

Signal Oilfield Service, Inc.
Drilling Contractor

1200 Security Life Building, Denver, Colorado 80202
Address

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor 14-20-0603-8823 Navajo	Well number 19	Elevation (ground) 8,533
Nearest distance from proposed location to property or lease line: 3,300 feet	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: 1,350 feet	
Number of acres in lease: 2,533	Number of wells on lease, including this well, completed in or drilling to this reservoir: 14	
If lease, purchased with one or more wells drilled, from whom purchased:	Name	Address
Well location (give footage from section lines) 1,980' FEL & 1,020' FNL	Section—township—range or block and survey Sec 31, T36N, R30E, G&SRM	Dedication (Comply with Rule 105) N/2 or NE/4 Sec 31
Field and reservoir (if wildcat, so state) Dineh-Bi-Keyah	Hermosa	County Apache
Distance, in miles, and direction from nearest town or post office 10 miles Southwest of Red Rock, Arizona		
Proposed depth: 4,050'	Rotary or cable tools Rotary	Approx. date work will start April 1, 1978
Bond Status Blanket Bond	Organization Report On file X Or attached	Filing Fee of \$25.00 Attached Yes
Remarks: Development Well		

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the District Manager-Drilling of the
Kerr-McGee Corporation (company), and that I am authorized by said company to make this report; and that this
report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

RECEIVED

APR 3 1978

D & D CONS. COMM.

Signature

J. Breeden

March 30, 1978

Date

Permit Number: 691

Approval Date: 4-28-78

Approved By: *[Signature]*

Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

Form No. 3

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Drill or Re-enter
File Two Copies

API No. 02-001-20240

(Complete Reverse Side)

1. Operator shall outline the dedicated acreage for both oil and gas wells on the plat. Outlined in Red
2. A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
3. All distances shown on the plat must be from the outer boundaries of the Section.
4. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO ☐
5. If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES ☐ NO ☐ If answer is "yes," Type of Consolidation _____
6. If the answer to question four is "no," list all the owners and their respective interests below:

Owner	Land Description

CERTIFICATION

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Name Ed J. Breiden

Position District Mgr-Drilling

Company Kerr-McGee Corporation

Date March 30, 1978

I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed _____

Registered Professional Engineer and/or Land Surveyor _____

Certificate No. _____

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
9 5/8"	32.3	H-40	0	775	775'	550
7"	20.0	K-55	0	4,050	4,050'	250



PERMIT TO DRILL

This constitutes the permission and authority from the
OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,

To: Kerr-McGee Corporation
(OPERATOR)

to drill a well to be known as

Navajo No. 19
(WELL NAME)

located 1980' FEL & 1020 FNL (NW/NE/4)

Section 31 Township 36N Range 38 E, Apache County, Arizona.

The N/2 of NE/4 of said
Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled
in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 28th day of April, 19 78.

OIL AND GAS CONSERVATION COMMISSION

By W. B. Allen
EXECUTIVE SECRETARY

PERMIT N° 691

RECEIPT NO. 1084
API No. 02-001-20240

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27

SAMPLES ARE REQUIRED

KM-1473-F

DETACH BEFORE DEPOSITING

Rush

REMITTANCE ADVICE

KERR - MCGEE CORPORATION
OIL AND GAS DIVISION

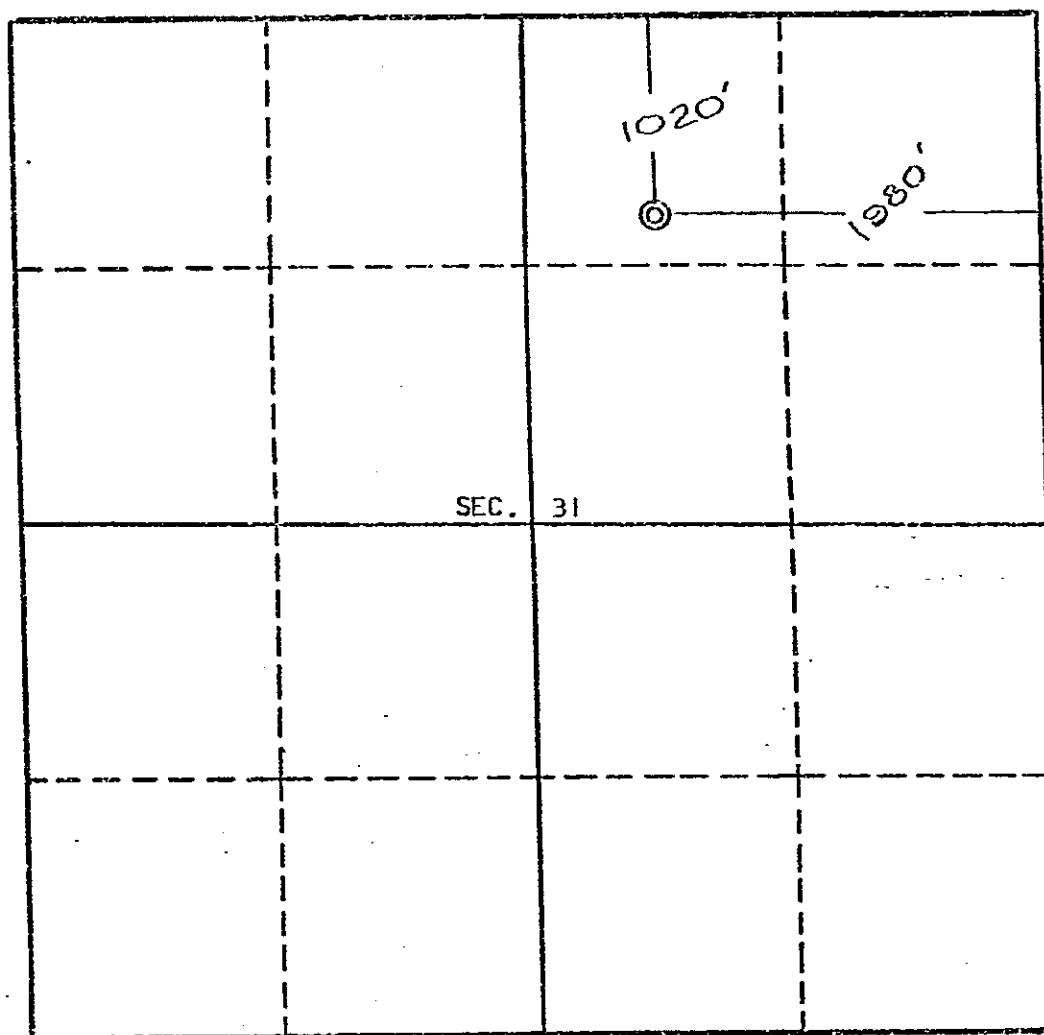
81719

C. SHELTON T2506

THE ENDORSEMENT BY PAYEE OF THE DETACHED CHECK CONSTITUTE RECEIPT IN FULL
FOR THE ITEMS LISTED BELOW

DATE		INVOICE NUMBER OR DESCRIPTION	GROSS AMOUNT		DISCOUNT		NET AMOUNT
MO.	DAY		CR.		CR.		
		FILING FEE FOR APPLICATION FOR PERMIT TO DRILL KERR-MCGEE NAVAJO #19 LOCATED 1,000' FEL & 1,020' FNL OF SECTION 31, T36N, R30E, APACHE COUNTY, AZ					25 00
		APR 2 1978					

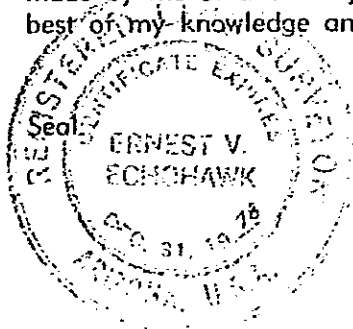
Company Kerr-McGee Corporation
Well Name & No. NAVAJO #19
Location 1020 feet from the North line and 1980 feet from the East line.
Sec. 31, T36 N., R. 30 E., G. & S. R. M., County Apache, Arizona
Ground Elevation 8533



Scale, 1 inch = 1,000 feet

Surveyed February 16, 1978

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



Ernest V. Echohawk
Ernest V. Echohawk
Registered Land Surveyor
Arizona Registration No. 2311

RECEIVED

APR 3 1978

D & B CONS. COMM.

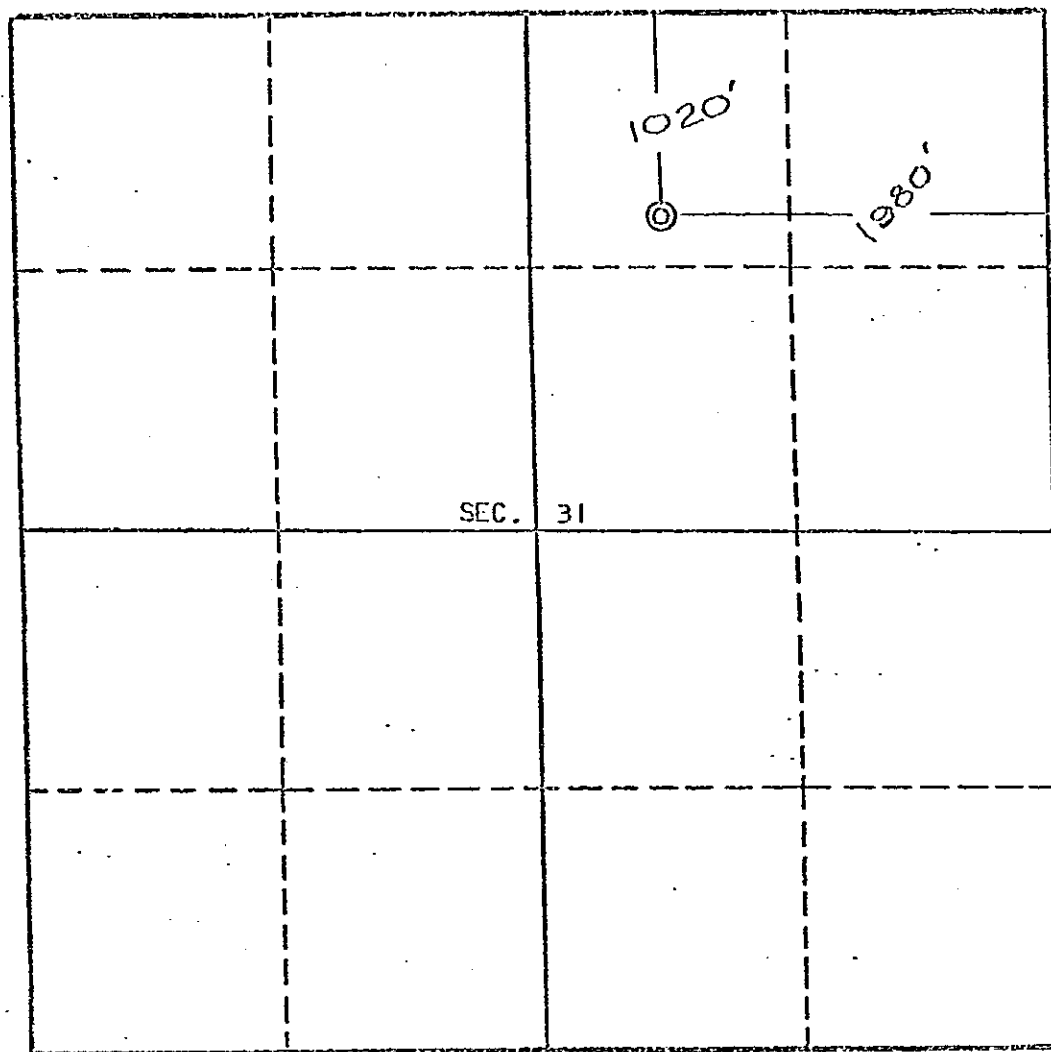
Company Kerr-McGee Corporation

Well Name & No. NAVADO #19

Location 1020 feet from the North line and 1980 feet from the East line.

Sec. 31, T36 N., R. 30 E., G. & S. R. M., County Apache, Arizona

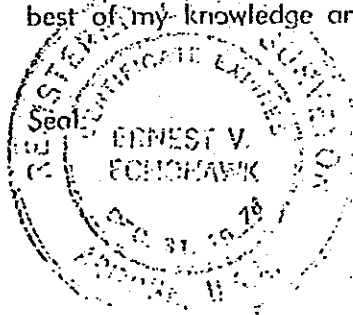
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Ernest V. Echohawk
Ernest V. Echohawk
Registered Land Surveyor
Arizona Registration No. 2311

RECEIVED

APR 3 1978

D & G CONS. COMM.

DINEH-BI-KEYAH FIELD

Operator: Mountain States Petroleum Corporation

Bond Company: Indian lands, evidence of bond posted with BIA

Amount: \$325,000*

Bond No.: Letter of Credit Bond No. 315 **Date approved:** 5/27/94

*** Pursuant to commission motion of October 31, 1997, no bond required with State of Arizona upon evidence of bond posted with the BIA.**

Permits covered by this bond posted with the BIA:

<u>377</u>	<u>445</u>
<u>384</u>	<u>446</u>
<u>385</u>	<u>484</u>
<u>386</u>	<u>506</u>
<u>388</u>	<u>618</u>
<u>389</u>	<u>691</u> ✓
<u>390</u>	<u>692</u>
<u>396</u>	<u>693</u>
<u>416</u>	<u>695</u>
<u>417</u>	<u>696</u>
<u>419</u>	<u>719</u>
<u>421</u>	<u>720</u>
<u>422</u>	<u>721</u>
<u>431</u>	<u>722</u>
<u>443</u>	<u>723</u>



Jane Dee Hull
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

December 1, 1997

Ms. Stacey Roberts
Kerr-McGee Corporation
P.O. Box 25861
Oklahoma City, OK 73125

691

Re: Kerr-McGee Corporation
\$25,000 Oil Drilling Blanket Bond #2971100-2620
Safeco Insurance Company of America

Dear Ms. Roberts:

Mountain States Petroleum has provided evidence of its bonding with the BIA for the Dineh-bi-Keyah Field in Arizona, and our records show that Kerr-McGee Corporation has no outstanding drilling or plugging obligations in Arizona.

As a result, this letter constitutes written permission by the Oil and Gas Conservation Commission to terminate liability under the referenced bond. A copy of the bond is enclosed for your information.

Please advise if we may be of further service.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosure



Jane Dee Hull
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

December 1, 1997

Ms. Stacey Roberts
Kerr-McGee Corporation
P.O. Box 25861
Oklahoma City, OK 73125

691

Re: Kerr-McGee Corporation
\$25,000 Oil Drilling Blanket Bond #2971100-2620
Safeco Insurance Company of America

Dear Ms. Roberts:

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Please advise if we may be of further service.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosure

Operator KERR-McGEE CORPORATION

Bond Company SAFECO INSURANCE COMPANY OF AMERICA Amount \$25,000

Bond No. 2971100-2620 Date Approved FEBRUARY 18, 1994

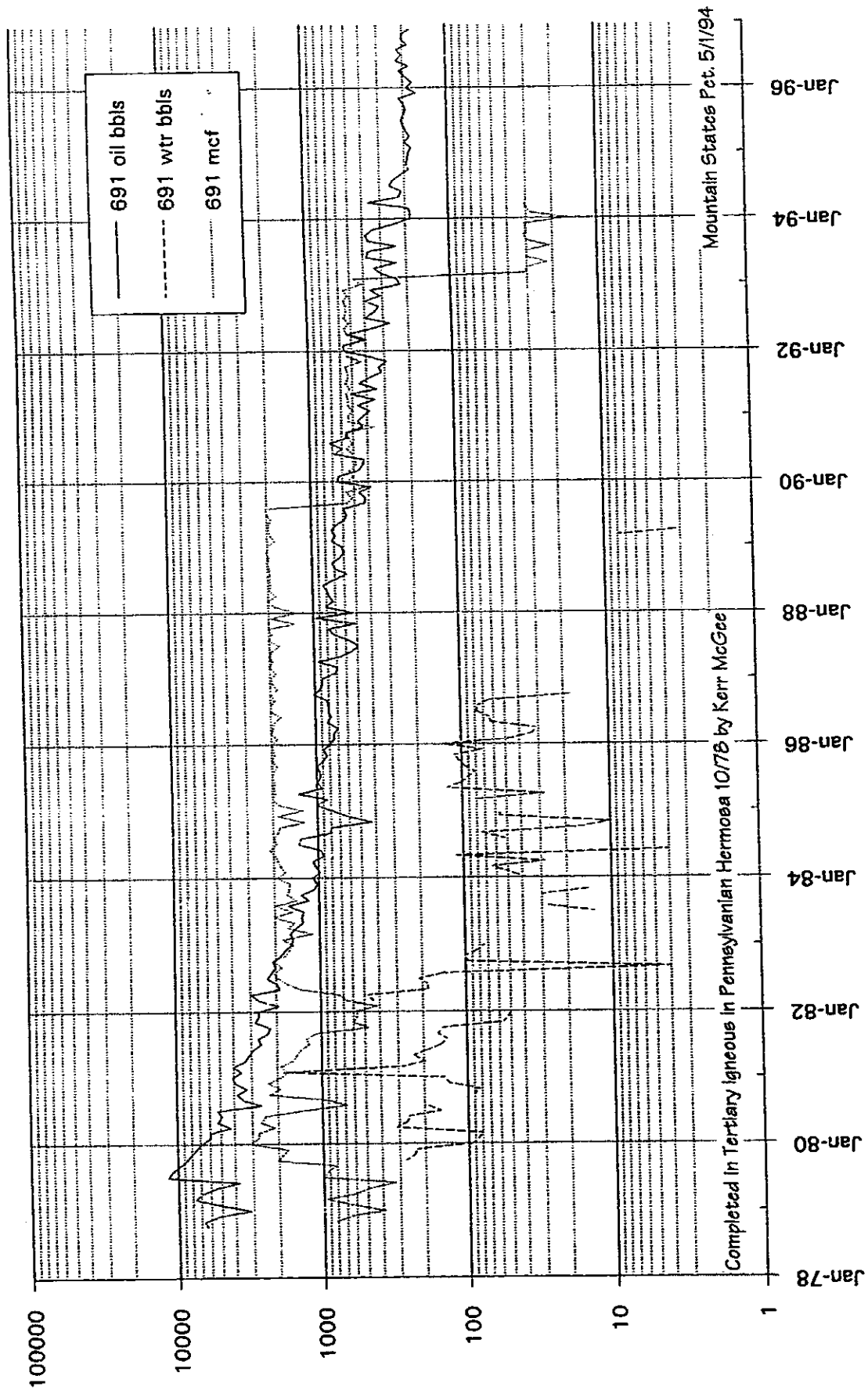
ACTIVE DATE

Permits covered by this bond:

377	445
384	446
385	484
386	506
388	618
389	691
390	692
396	693
416	695
417	696
419	719
421	720
422	721
431	722
443	723

MONTHLY PRODUCTION AT 19 NAVAJO (691), ARIZONA: OCT 1978 - DEC 1996

nw ne 31-36n-30e, Dineh-bi-Keyah Field, Apache County





Fife Symington
Governor

State of Arizona
Arizona Geological Survey

845 North Park Avenue, #100
Tucson, Arizona 85719
(602) 882-4795



Larry D. Fellows
Director and State Geologist

June 8, 1994

Ms. Judy Burkhart
Mountain States Petroleum Corporation
P. O. Box 1936
Roswell, New Mexico 88201

Dear Ms. Burkhart:

This will acknowledge receipt of your letter of June 6, which included a change of operator form for each of the 31 Kerr-McGee Corporation wells at the Dineh-bi-Keyah Field sold to Mountain States Petroleum Corporation. Our records indicate that the Navajo #B-1 was plugged and abandoned by Kerr-McGee Corporation in October 1993.

Please note that our records indicate a different API number than the one you have recorded on your forms for the following wells:

<u>Well</u>	<u>API #</u>
Navajo 01	02-001-20001
Navajo 03X	02-001-20011
Navajo 04	02-001-20009
Navajo 10	02-001-20042
Navajo 14	02-001-20040
Navajo 15	02-001-20041

Sincerely,

Steven L. Rauzi

Steven L. Rauzi
Oil & Gas Program Administrator

UNITED STATES DEPARTMENT OF THE INTERIOR
MINERALS MANAGEMENT SERVICE
ROYALTY MANAGEMENT PROGRAM

CHANGES TO REPORTER INFORMATION

OLD INFORMATION:

MMS OPERATOR CODE: X 0 2 1 7

COMPANY NAME:

K E R R M C G E E C O R P O R A T I O N

NEW INFORMATION:

MMS OPERATOR CODE: X 0 2 7 4

COMPANY NAME:

M O U N T A I N S T A T E S P E T R O L E U M

CONTACT NAME:

R U B Y W I C K E R S H A M

STREET ADDRESS:

2 1 3 E F O U R T H

CITY:

R O S W E L L

STATE:

N M

ZIP CODE:

8 8 2 0 1 -

PHONE:

5 0 5 6 2 3 - 7 1 8 4

AREA CODE

COMPLETE IF APPLICABLE:

☐

I AM NO LONGER AN OPERATOR OF INDIAN OR FEDERAL PROPERTIES.
PLEASE REMOVE MY NAME FROM YOUR MAILING LIST.

COMPANY SOLD TO:

EFFECTIVE DATE:

LEASES / AGREEMENTS AFFECTED:

NAVAJO #19

(691)

**AZ OIL & GAS
CONSERVATION COMMISSION**

Dineh Bi Keyah Field - Apache County, Arizona

JUN 8 1994

Lease #: 14-20-0603-8823

API #: 02001202400S1

COMMENTS: This property was sold to Mountain States Petroleum Corp.
and they became operator effective May 1, 1994.

SIGNATURE:

Judy Burkhardt

DATE:

5/13/94

MAIL TO:

MINERALS MANAGEMENT SERVICE
ROYALTY MANAGEMENT PROGRAM
P.O. BOX 25165 MS 5122
DENVER, CO 80225

P. O. BOX 1936

505 623-7184

MOUNTAIN STATES PETROLEUM CORPORATION

213 EAST FOURTH STREET
ROSWELL, NEW MEXICO
88202

June 6, 1994

Arizona Geological Survey
845 North Park Avenue, #100
Tucson, Arizona, 85719

**AZ OIL & GAS
CONSERVATION COMMISSION**

JUN 8 1994

Attention: Steven L. Rauzi,
Oil & Gas Program Administrator

Re: Dineh-bi-Keyah Field
Apache County, Arizona

Dear Sir;

In followup of our May 24, 1994, letter to you relative to the change of operator from Kerr McGee to Mountain States Petroleum Corporation for the captioned field; please find enclosed a copy of the notices sent to the Minerals Management Service.

We hope this will supply the information you requested and apologize for any inconvenience we may have caused. If you have any questions or are in need of anything further please contact the undersigned. Thank you.

Sincerely,

Judy Burkhardt
Judy Burkhardt,
Secretary

Enclosures

P. O. BOX 1936

505 623-7184

MOUNTAIN STATES PETROLEUM CORPORATION

213 EAST FOURTH STREET
ROSWELL, NEW MEXICO
88202

May 24, 1994

Arizona Geological Survey
845 North Park Avenue, #100
Tucson, Arizona 85719

Attention: Steven L. Rauzi,
Oil & Gas Program Administrator

Re: Dineh-bi-Keyah Field
Apache County, Arizona

Dear Sir;

Please be advised that effective May 1, 1994, Mountain States Petroleum Corporation replaced Kerr-McGee as Operator of the captioned field and it's respective wells.

Listed on the attached sheet are the well names and API #'s of each well in this field, including shut-in, producing, and abandoned wells.

Please change your records to reflect that Mountain States Petroleum Corporation, Post Office Box 1936, Roswell, New Mexico, 88202-1936, (505) 623-7184, is now the operator of these properties and as such will be filing all required monthly production reports.

If you have any questions or are in need of anything further in this matter please contact the undersigned. Thank you.

Sincerely,

Judy Burkhardt

Judy Burkhardt,
Secretary

Attachment

RECEIVED
CONSERVATION COMMISSION

MAY 31 1994



KERR-McGEE CORPORATION

626 AMARILLO PETROLEUM BUILDING
P. O. BOX 250 • AMARILLO, TEXAS 79105

RECEIVED

NOV 22 1978

O & G CONS. COMM.

October 18, 1978

PHONE
806 376-7256

State of Arizona
Oil & Gas Conservation Commission
1645 W. Jefferson
Suite 420
Phoenix, Arizona 85007

RE: Kerr-McGee Corporation's Navajo
Well Nos. 19 & 21, Dineh-Bi-Keyah
Field, Apache County, Arizona

Gentlemen:

Enclosed are two (2) copies of Form #4, "Well Completion...and Well Log," for the above referenced wells. Copies of a Compensated Formation Density Log and a Cement Bond Log are included.

Should you require further information concerning these wells, please call the undersigned collect at 806/359-0351.

Sincerely,

KERR-McGEE CORPORATION

Hugh H. Rice

Hugh H. Rice
District Production Superintendent
Southwest District - North America

LRB/bk1

Enclosure

691

July 20, 1978

Mr. Larry R. Bell
Engineering Assistant
Southwest District - N.A.
Kerr-McGee Corporation
P.O. Box 250
Amarillo, Texas 79105

Re: Extension of Drilling Permits
for Kerr-McGee Corporation's
Navajo Wells No. 18 & No. 19,
Apache County, Arizona

Dear Larry:

We are extending permits on the above referenced wells
for 90 days from the 28th day of July, 1978.

In the event further extension is necessary, please ad-
vise prior to the expiration date.

Very truly yours,

W. E. Allen
Director
Enforcement Section

WEA/vb



KERR-McGEE CORPORATION

626 AMARILLO PETROLEUM BUILDING
P. O. BOX 250 • AMARILLO, TEXAS 79105

RECEIVED

JUL 20 1978

O & G CONS. COMM.

PHONE
806 376-7256

July 18, 1978

State of Arizona
Oil and Gas Conservation Commission
1645 W. Jefferson, Suite 420
Phoenix, Arizona 85007

RE: Extension of Drilling Permits
for Kerr-McGee Corporation's
Navajo Wells No. 18 & No. 19,
Apache County, Arizona

Attention Mr. W. E. Allen

Dear Mr. Allen:

Thank you for advising us that the permits to drill the above
referenced wells will soon expire.

Kerr-McGee Corporation respectfully requests an extension on
these drilling permits, as drilling operations on the Navajo No.
18 and No. 19 will not begin for several weeks. Also, would you
please advise us as to the length of extension we may expect to
receive on these permits.

We should spud the Navajo No. 22 about July 21, 1978, and we will
begin filing Form 9-331, "Sundry Notices and Reports on Wells",
weekly as operations progress. I will try to have these reports
in the mail every Thursday and hopefully they will reach you by
the following Monday. If they do not reach you by then, please
let me know and I will mail them earlier.

Thank you again. Working with you and your office is always a
pleasure.

Sincerely,

KERR-McGEE CORPORATION

Larry R. Bell

Larry R. Bell
Engineering Assistant
Southwest District - N. A.

LRB/ra

cc: Navajo Tribe-Minerals Department

July 13, 1978

Mr. C. J. Breeden
District Manager-Drilling
Kerr-McGee Corporation
P.O. Box 250
Amarillo, Texas 79105

Re: Kerr-McGee Navajo No. 18
NW/4 NE/4 Sec. 32, T36N,
R30E, Apache County
State Permit No. 690

Kerr-McGee Navajo No. 19
NW/4 NE/4 Sec. 31, T36N,
R30E, Apache County
State Permit No. [REDACTED]

Dear Mr. Breeden:

This letter is to advise you that the drilling permits issued on the above referenced wells will expire on July 28, 1978 unless the wells have been spudded prior to that date.

Should you wish an extension on these drilling permits, please advise this office, by letter, prior to the expiration date.

Very truly yours,

W. E. Allen
Director
Enforcement Section

WEA/vb

April 28, 1978

Mr. C. J. Breeden
District Manager-Drilling
Kerr-McGee Corporation
P.O. Box 250
Amarillo, Texas 79105

Re: Kerr-McGee Navajo No. 18	Kerr-McGee Navajo No. 19
NW/4 NE/4 Sec. 32, T36N,	NW/4 NE/4 Sec. 31, T36N,
R30E, Apache County	R30E, Apache County
State Permit No. 690	State Permit No. 691

Dear Mr. Breeden:

Attached you will find your approved copies of the applications to drill, the drilling permits, and our receipt No. 1084 in the amount of \$50.00.

It will be appreciated if you will advise me prior to spudding of these wells.

Very truly yours,

W. E. Allen
Director
Enforcement Section

WEA/vb

Enc.



KERR-McGEE CORPORATION

626 AMARILLO PETROLEUM BUILDING
P. O. BOX 250 • AMARILLO, TEXAS 79105

RECEIVED

APR 3 1978

D & G CONS. COMM.

PHONE
806 376-7256

March 30, 1978

Oil and Gas Conservation Commission
State of Arizona
1645 West Jefferson, Suite 420
Phoenix, Arizona 85007

Attention: Mr. W. E. Allen

Gentlemen:

Enclosed are two copies of form no. 3, Application for Permit to Drill, two copies of a Registered Surveyors Plat, and a check of \$25.00 for the filing fee for the proposed Kerr-McGee Corporation Navajo No. 18, located 620' FNL and 2,100' FEL of Section 32, T36N, R30E, G&SRM Survey, Dineh-Bi-Keyah Field, Apache County, Arizona.

Also, please accept this as an answer to Mr. Allen's letter of February 28, 1978 concerning the hearing on spacing in this field and if Kerr-McGee was transmitting an application to drill before the hearing.

Sincerely,

KERR-McGEE CORPORATION

C. J. Breeden

C. J. Breeden
District Manager - Drilling
Southwest District - North America

CJB/vs

Enclosures

cc: The Navajo Tribe
Minerals Department
P. O. Box 146
Window Rock, Arizona 86515